HABC Genotype Data Submission Form

Submitting Investigator	
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Date Submitted	1/25/08
Polymorphism Information	
Name	CDKNrs2811712
RS# or Unique Identifier	rs2811712
Gene	CDKN2a/2b locus
Chromosome position	9p21.3
Alleles	A/G
Assay Information	
Genotyping Method	end-point TaqMan
Genotypes in HWE (Y/N) (attach HWE Form)	
Amount of DNA used	10ng/assay
PCR primers	AGACCTAGGGATAAGGGTAATTGCTT AAACTTTAATATTTACATTTTTTGAACAGAGAGCTTACT
PCR Components **and** Concentrations (Taq, buffer, $MgCl_2$, primers, DMSO, other reagents)	1x Absolute QPCR ROX mix (Thermo Scientific) 1x primer probe custom assay (Applied Biosystems)
PCR Cycling conditions (time and temperature for each step, # of cycles, etc.)	Initial activation step: 95°C – 10 minutes 40 cycles of: 95°C – 15 seconds and 60°C – 1 minute
Detection Oligo(s) (if applicable)	CATCTGAATAAAAGGATAATT-VIC ATCTGAATAAAAGAATAATT-FAM
Other Reaction Conditions (detection reaction components, incubation conditions, gel %, etc.)	
Other Assay Info	

Health Aging and Body Composition Study

Hardy Weinberg Equilibrium Tester

Ancillary Study #:___AS07-107_____

Investigator's Name:_David Melzer_____

SNP RS# or Other SNP Identifier: ____ rs2811712

2/3/2008

Replace RED cells with your genotype counts. Other cells will show computed results.

	Caucasian		Black	
	Genotype	**Genotype Counts**	**Genotype**	**Genotype Counts**
Observed Genotype Counts	1/1	**1333**	1/1	**675**
	1/2	**320**	1/2	**428**
	2/2	**18**	2/2	**80**
	Total Number of Subjects	1671	Total Number of Subjects	1183
	1	2986	1	1778
	2	356	2	588
	Total Chromosomes	3342	Total Chromosomes	2366
Allele Frequencies	p	0.8935	p	0.7515
	q	0.1065	q	0.2485
Expected Genotype Counts	1/1	1333.96	1/1	668.07
	1/2	318.08	1/2	441.87
	2/2	18.96	2/2	73.07
$\chi 2$ (1df)	1/1	0.00	1/1	0.07
	1/2	0.01	1/2	0.44
	2/2	0.05	2/2	0.66
Hardy Weinberg Equilibrium Test Results	χ^2	**0.06**	χ^2	**1.17**
	***P*-Value**	**0.8049**	***P*-Value**	**0.2803**